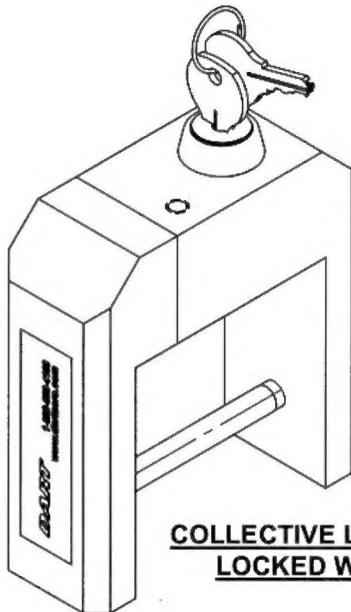
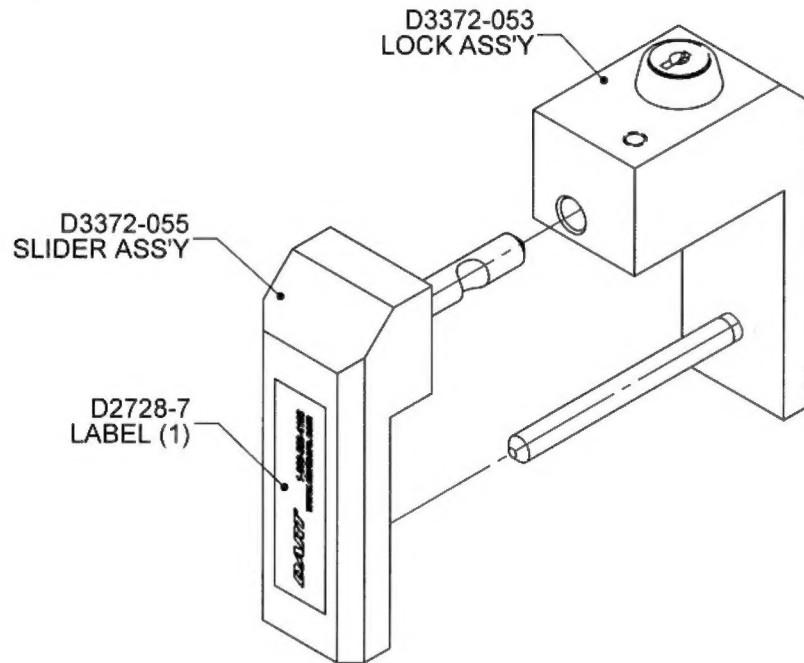
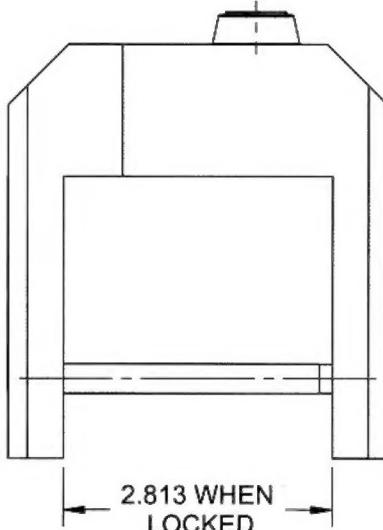


**DART**

DESIGN <i>[Signature]</i>	DRAWN BY <i>[Signature]</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA		
CHECKED <i>[Signature]</i>	APPROVED <i>[Signature]</i>	DRAWING NO.	D3372	REV. B SHEET 1 OF 8
DATE	05.02.23	TITLE	COLLECTIVE LOCK	SCALE 1:2
A	05.01.10	NEW ISSUE		
B	05.02.23	REDESIGN FOR STANDARD 1/4 TURN LOCK, D3369-5 SUPERCEDES D3372-11 (OBSOLETE)		



**COLLECTIVE LOCK SHOWN  
LOCKED WITH KEYS**



**RELEASED**  
*[Signature]*  
05/04/28

**D3372-051 AS350 COLLECTIVE LOCK ASS'Y**

**NOTES:**

- 1) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 2) ALL DIMENSIONS ARE IN INCHES

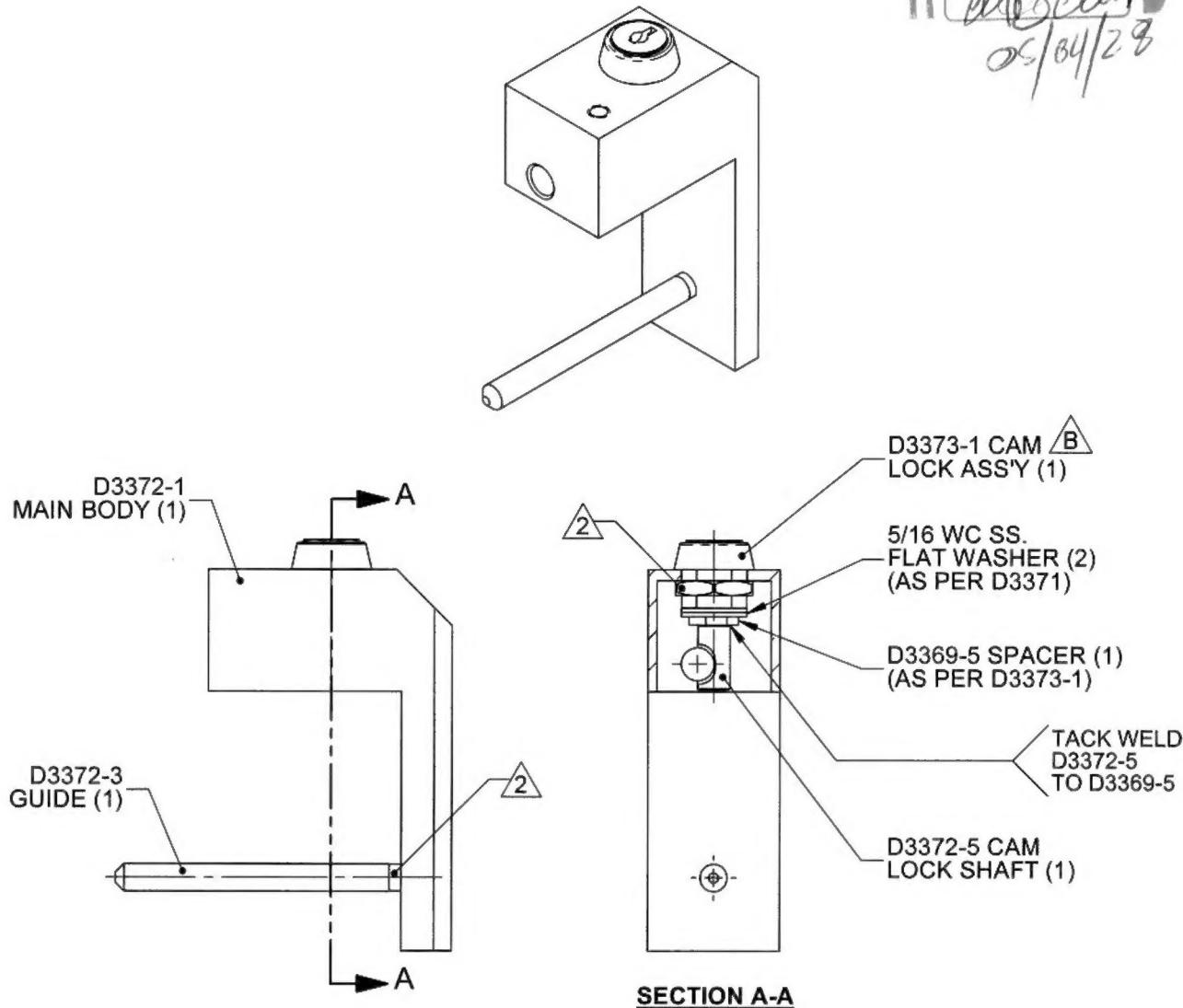
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DESIGN <i>B</i>	DRAWN BY <i>B</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>H</i>	APPROVED <i>B</i>	DRAWING NO. D3372	REV. B SHEET 2 OF 8
DATE 05.02.23	TITLE COLLECTIVE LOCK	SCALE 1:2	

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05/04/23



### D3372-053 LOCK ASS'Y

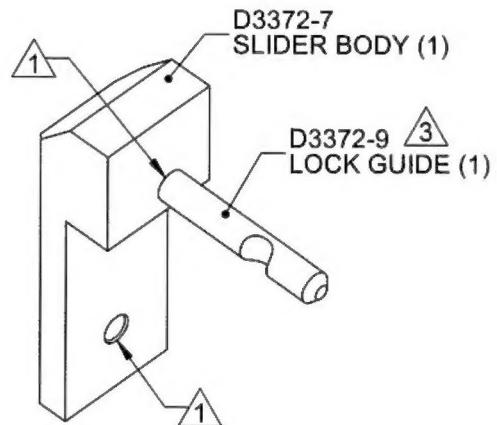
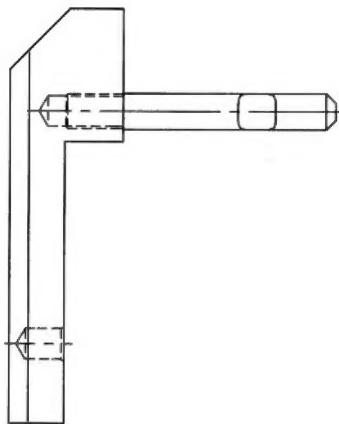
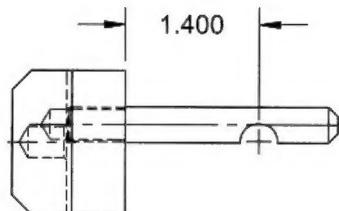
#### NOTES:

- 1) WELD PER DART QSI 004
- 2) APPLY THREADLOCKER LOCTITE 262 ON THREADS

**DART**

DESIGN <i>b3</i>	DRAWN BY <i>b3</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>PF</i>	APPROVED <i>AB</i>	DRAWING NO. D3372	REV. B SHEET 3 OF 8
DATE 05.02.23	TITLE COLLECTIVE LOCK	SCALE 1:2	

RELEASED  
*[Signature]*  
05/04/28



### D3372-055 SLIDER ASS'Y

#### NOTES:

- 1) COVER INSIDE HOLES AND D3372-9 PRIOR PAINTING
- 2) FINISH: POWDER COAT PAINT FIRE RED (4.3.5.10) PER DART QSI 005 4.3
- 3) APPLY THREADLOCKER LOCTITE 262 ON D3372-9 THREADS PRIOR ASSEMBLY
- 4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 5) ALL DIMENSIONS ARE IN INCHES

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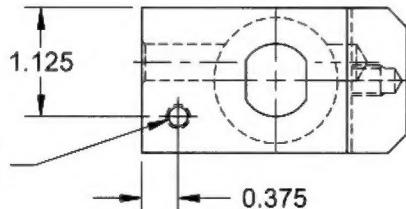
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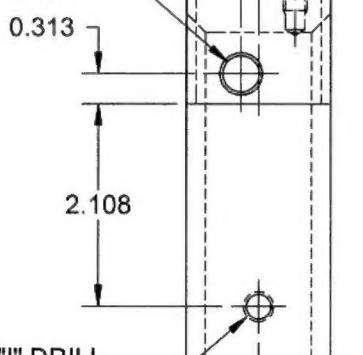
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CHECKED <i>FH</i>	APPROVED <i>AB</i>	DRAWING NO. D3372	REV. B SHEET 4 OF 8
DATE 05.02.23	TITLE COLLECTIVE LOCK	SCALE 1:2	

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*AB 05/04/28*

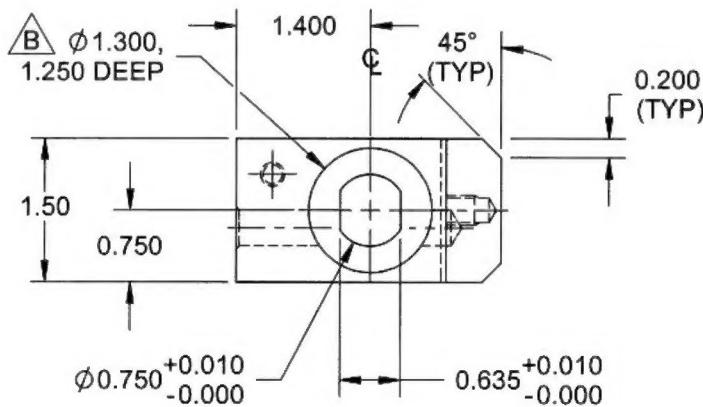
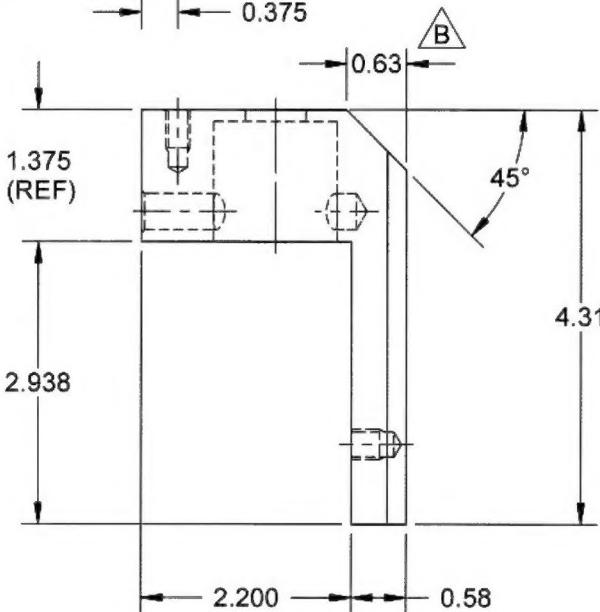
② DRILL Ø 0.201 x 0.600 DEEP  
TAP 1/4-20 UNC x 0.400 DEEP



② DRILL Ø 0.377,  
2.363 DEEP.  
CHAMFER 0.031 x 45°



② DRILL "I" DRILL  
x 0.525 DEEP  
THREAD 5/16-24 UNF  
x 0.300 DEEP



### D3372-1 MAIN BODY

#### NOTES:

- 1) MATERIAL: 6061-T6/T651 (QQ-A-200/8 OR QQ-A-225/8)  
(REF. DART SPEC. M6061T6B)
- 2) COVER INSIDE HOLES PRIOR PAINTING
- 3) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1  
POWDER COAT FIRE RED (4.3.5.10) PER DART QSI 005 4.3
- 4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 5) ALL DIMENSIONS ARE IN INCHES
- 6) BREAK ALL SHARP EDGES 0.005 TO 0.010

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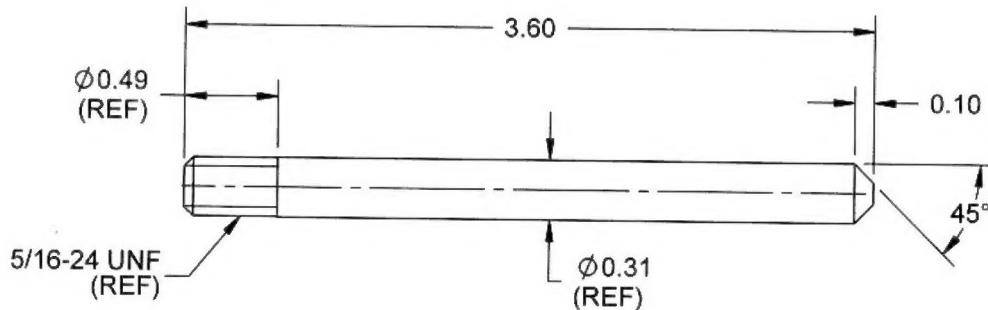
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**DART**

DESIGN <i>[Signature]</i>	DRAWN BY <i>[Signature]</i>	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>[Signature]</i>	APPROVED <i>[Signature]</i>	DRAWING NO. D3372	REV. B SHEET 5 OF 8
DATE 05.02.23		TITLE COLLECTIVE LOCK	SCALE 1:1

## **SPECIFICATION CONTROL DRAWING**

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*[Signature]*  
05/04/28



### **D3372-3 GUIDE**

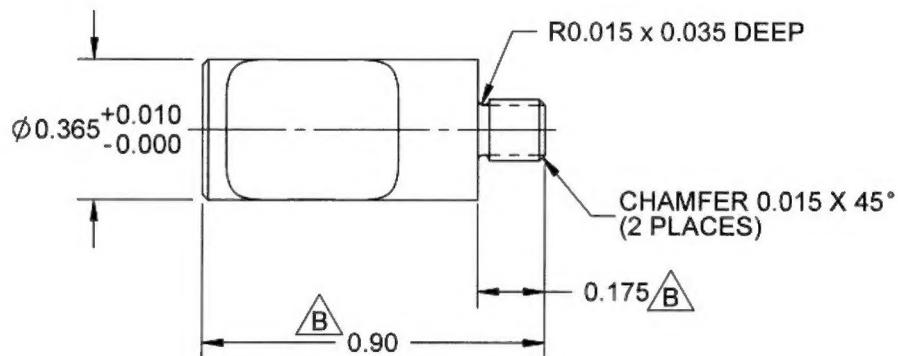
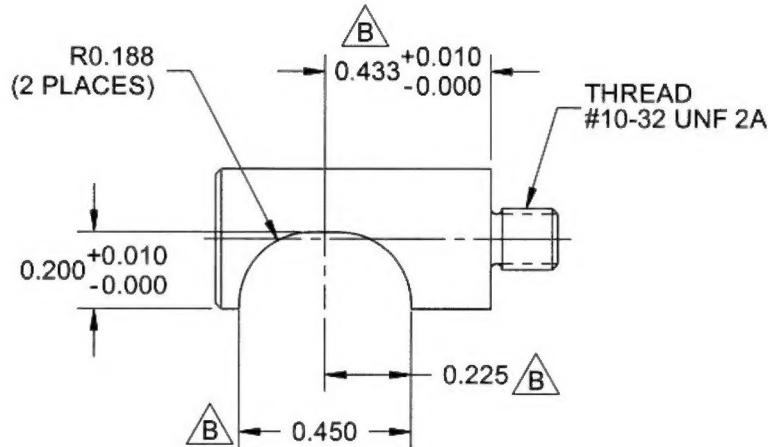
#### **NOTES:**

- 1) MATERIAL: AN5-42A BOLT MODIFIED AS SHOWN.
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) BREAK ALL SHARP EDGES 0.005 TO 0.010

**DART**

DESIGN <i>J3</i>	DRAWN BY <i>LB</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>PF</i>	APPROVED <i>LB</i>	DRAWING NO. D3372	REV. B SHEET 6 OF 8
DATE 05.02.23	TITLE COLLECTIVE LOCK	SCALE 2:1	

RELEASED  
*AB*  
05/04/28



### D3372-5 CAM LOCK SHAFT

#### NOTES:

- 1) MATERIAL: AISI 303 S.S. (REF. DART SPEC. M303R0.375)
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) BREAK ALL SHARP EDGES 0.005 TO 0.010

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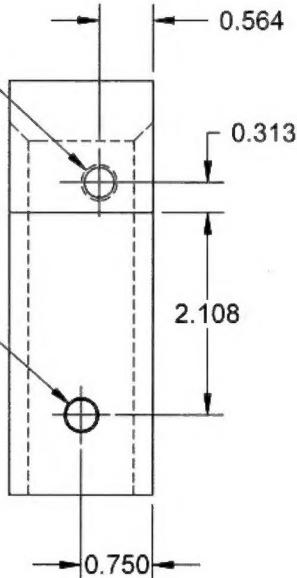
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**DART**

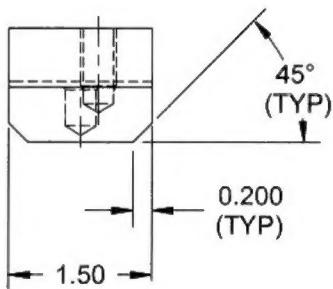
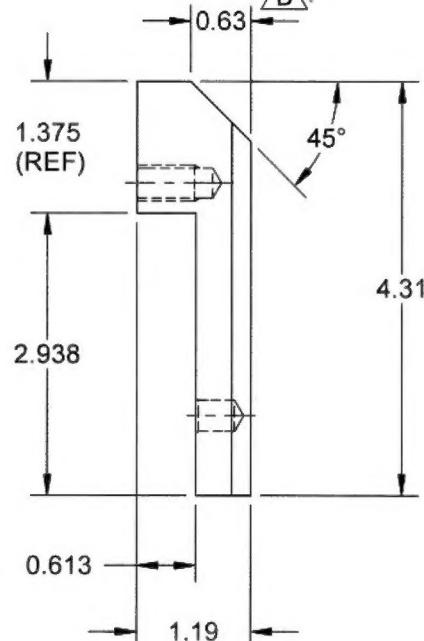
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CHECKED <i>FF</i>	APPROVED <i>AB</i>	DRAWING NO. D3372	REV. B SHEET 7 OF 8
DATE 05.02.23	TITLE COLLECTIVE LOCK	SCALE 1:2	

RELEASED  
*AB*  
05/04/20

DRILL Ø0.332  
("Q" DRILL) x 0.881 DEEP,  
THREAD 3/8-24 UNF x 0.600 DEEP



DRILL Ø0.323  
("P" DRILL) x 0.500 DEEP  
CHAMFER 0.030 x 30°



### D3372-7 SLIDER BODY

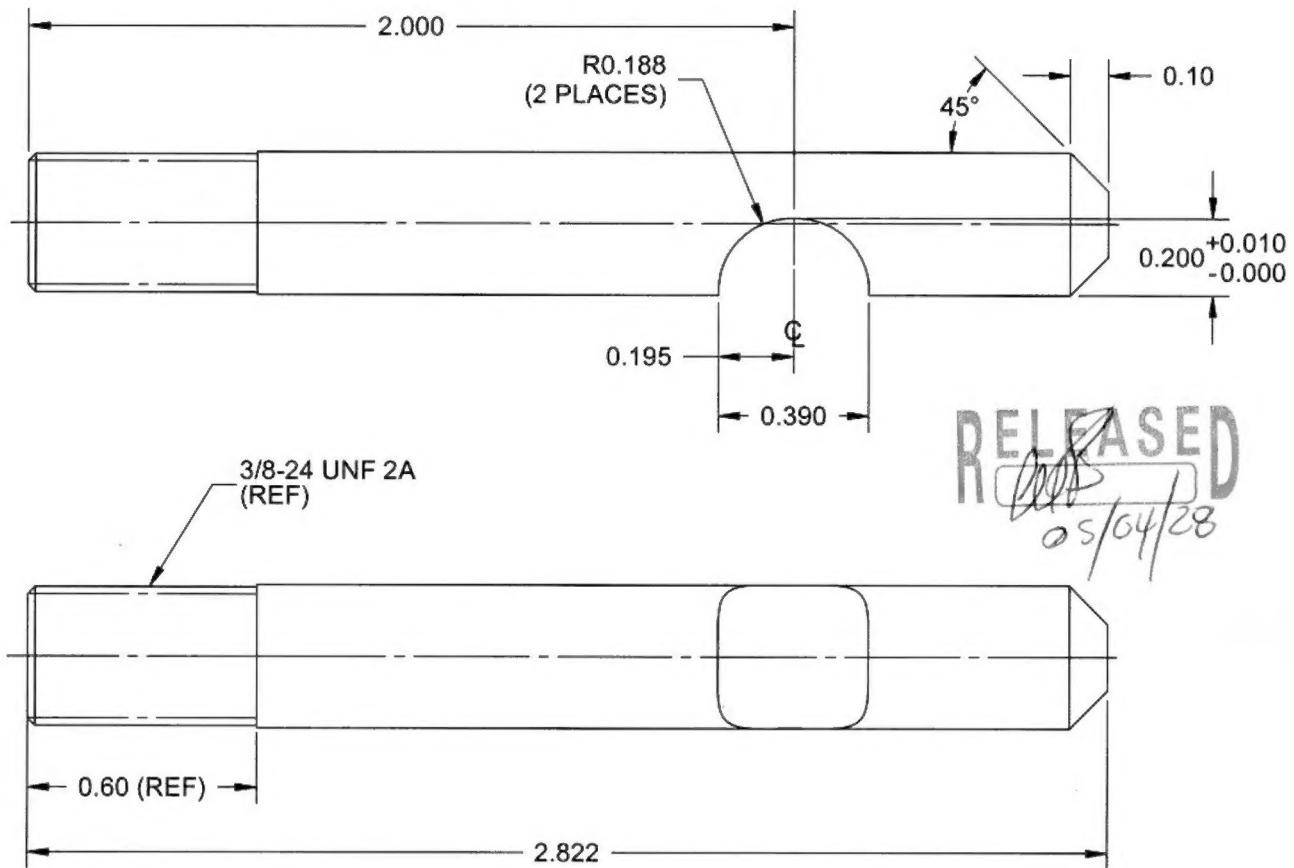
#### NOTES:

- 1) MATERIAL: 6061-T6/T651 (QQ-A-200/8 OR QQ-A-225/8)  
(REF. DART SPEC. M6061T6B)
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) BREAK ALL SHARP EDGES 0.005 TO 0.010

**DART**

DESIGN <i>JB</i>	DRAWN BY <i>JB</i>	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>JB</i>	APPROVED <i>JB</i>	DRAWING NO. <b>D3372</b>	REV. B SHEET 8 OF 8
DATE 05.02.23		TITLE <b>COLLECTIVE LOCK</b>	SCALE 2:1

## SPECIFICATION CONTROL DRAWING



### D3372-9 LOCK GUIDE

#### NOTES:

- 1) MATERIAL: AN6-36A BOLT, MODIFIED AS SHOWN
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) BREAK ALL SHARP EDGES 0.005 TO 0.010